

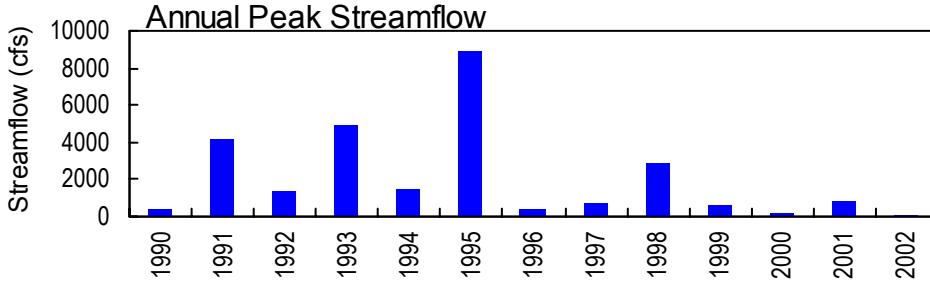
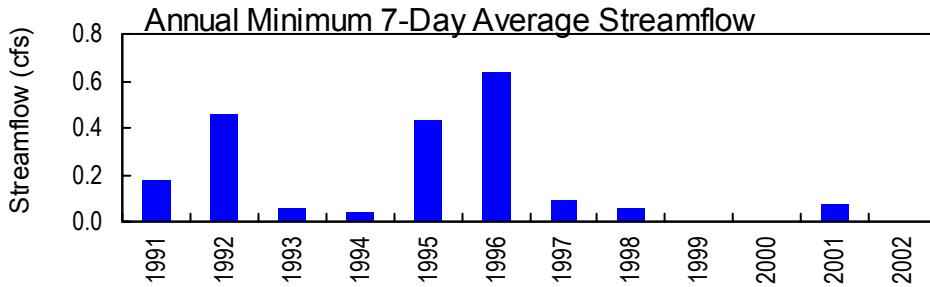
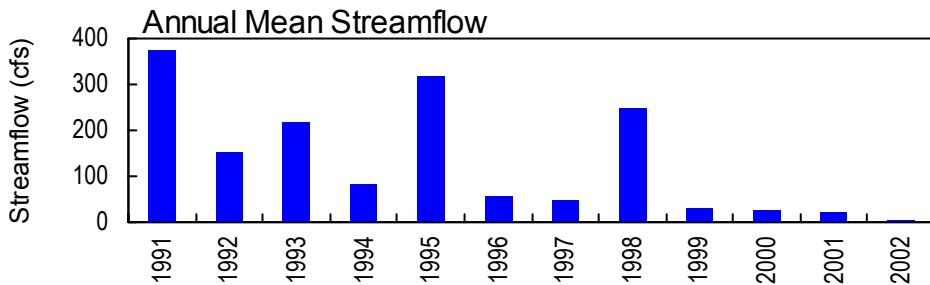
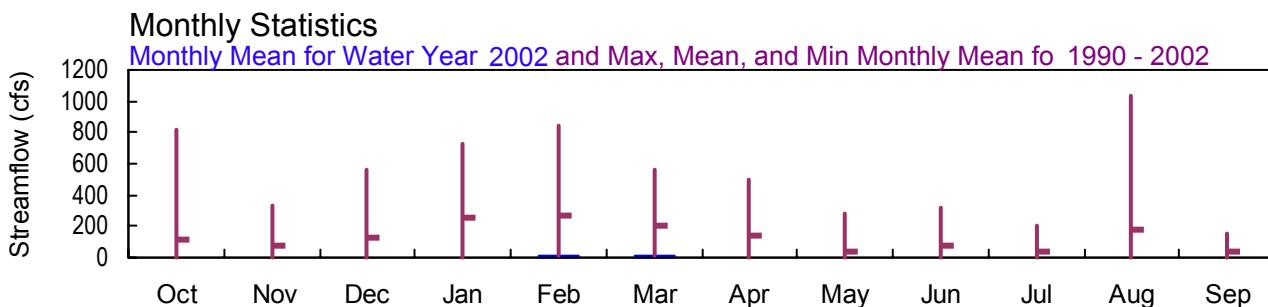
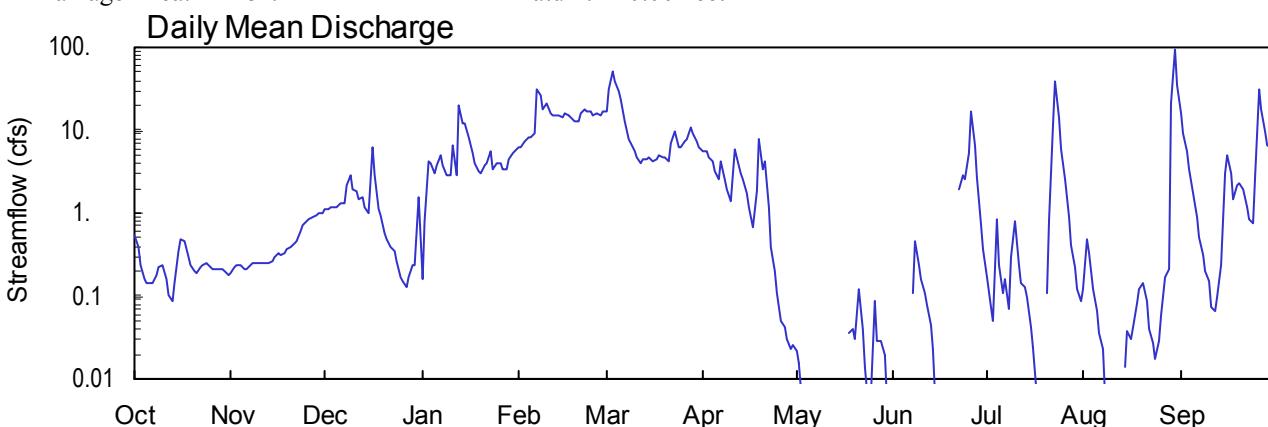
**SAVANNAH RIVER BASIN**
**2002 Water Year**
**02198690 EBENEZER CREEK AT SPRINGFIELD, GA**

Latitude:  $32^{\circ}21'56''$  Longitude:  $81^{\circ}17'51''$  Hydrologic Unit Code: 03060109

Effingham County

Drainage Area: 181. mi<sup>2</sup>

Datum: 20.00 feet



02198690 Ebenezer Creek at Springfield, GA  
April 25, 1990

**SAVANNAH RIVER BASIN**  
**2002 Water Year**

**02198690 EBENEZER CREEK AT SPRINGFIELD, GA**

**LOCATION.**—Lat 32°21'56", long 81°17'51" referenced to North American Datum (NAD) of 1927, Effingham County, Hydrologic Unit 03060109, at downstream side of bridge pier on Stillwell Road, 0.5 miles east of Springfield, and 3.0 miles upstream from Little Ebenezer Creek.

**DRAINAGE AREA.**—181 mi<sup>2</sup>.

**COOPERATION.**—City of Springfield.

**WATER-DISCHARGE RECORDS**

**PERIOD OF RECORD.**—March 1990 to current year.

**GAGE.**—Phone telemetry with a water-stage recorder. Elevation of gage is 20.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map). Prior to April 25, 1990, a non-recording gage was located at same site and datum.

**REMARKS.**—Records good, except those less than 5.0 ft<sup>3</sup>/s, which are fair. Daily values table for 2001 water year revised.

**PEAK DISCHARGES FOR CURRENT YEAR.**—Peak discharges greater than base discharge of 800 ft<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Aug. 30	0845	119*	6.23*

**WATER-STAGE RECORDS**

**PERIOD OF RECORD.**—March 1990 to current year.

**GAGE.**—Phone telemetry with a water-stage recorder. Elevation of gage is 20.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map). Prior to April 25, 1990, a non-recording gage was located at same site and datum.

**REMARKS.**—Records good.

**EXTREMES FOR CURRENT YEAR.**—Maximum gage-height recorded, 6.23 feet, August 30; minimum gage-height recorded, 2.96 feet, June 6, 7, 19, 20.

## U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02198690 EBENEZER CREEK AT SPRINGFIELD, GA SOURCE AGENCY USGS STATE 13 COUNTY 103  
 LATITUDE 322156 LONGITUDE 0811751 NAD27 DRAINAGE AREA 181.0 CONTRIBUTING DRAINAGE AREA 181.0\* DATUM 20 NGVD29  
 Date Processed: 2003-03-10 11:15 By acday  
 APPROVED  
 DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.53	0.19	1.1	0.16	6.2	17	5.6	0.02	0.00	0.17	0.12	16
2	0.38	0.22	1.1	0.78	6.2	31	5.7	0.02	0.00	0.07	0.48	9.1
3	0.24	0.24	1.2	4.2	7.3	50	4.7	0.00	0.00	0.05	0.33	5.7
4	0.16	0.24	1.2	4.0	8.1	38	4.2	0.0	0.00	0.84	0.12	3.4
5	0.14	0.21	1.2	3.0	8.3	30	3.2	0.00	0.00	0.24	0.06	1.7
6	0.14	0.21	1.3	3.8	9.2	24	2.6	0.00	0.00	0.11	0.04	0.90
7	0.14	0.23	1.3	5.0	31	13	4.3	0.00	0.11	0.16	0.02	0.51
8	0.18	0.25	2.2	3.8	26	7.9	2.6	0.00	0.46	0.07	0.0	0.31
9	0.22	0.25	2.9	2.9	18	6.8	1.9	0.00	0.23	0.29	0.00	0.20
10	0.24	0.25	1.9	2.9	21	5.5	1.4	0.00	0.16	0.81	0.00	0.15
11	0.16	0.25	1.8	6.5	16	4.7	5.8	0.00	0.11	0.24	0.00	0.07
12	0.10	0.25	1.5	2.9	15	4.1	4.8	0.00	0.08	0.14	0.00	0.07
13	0.09	0.25	1.6	20	15	4.5	3.1	0.00	0.04	0.13	0.00	0.10
14	0.14	0.27	1.2	12	15	4.5	2.5	0.00	0.02	0.10	0.01	0.24
15	0.34	0.30	1.0	12	14	4.6	1.7	0.00	0.00	0.04	0.04	3.0
16	0.48	0.33	6.2	8.3	16	4.3	1.2	0.00	0.00	0.02	0.03	5.1
17	0.45	0.32	2.8	5.3	15	4.4	0.69	0.00	0.00	0.0	0.04	3.0
18	0.29	0.33	1.1	3.9	14	5.0	1.8	0.04	0.00	0.00	0.08	1.5
19	0.23	0.36	0.94	3.2	13	4.7	7.9	0.04	0.00	0.00	0.12	2.2
20	0.20	0.39	0.58	3.1	13	4.7	3.4	0.03	0.00	0.11	0.14	2.3
21	0.19	0.44	0.49	3.7	16	4.3	4.3	0.12	0.00	0.84	0.08	1.9
22	0.22	0.47	0.38	4.1	18	7.0	1.2	0.04	2.0	12	0.04	1.2
23	0.24	0.60	0.34	5.5	17	9.6	0.38	0.01	2.9	40	0.03	0.85
24	0.25	0.71	0.27	3.3	17	6.4	0.20	0.00	2.5	14	0.02	0.76
25	0.24	0.80	0.17	4.0	15	6.4	0.11	0.0	5.4	5.9	0.03	2.9
26	0.21	0.84	0.15	4.1	16	7.3	0.05	0.09	17	2.6	0.06	31
27	0.21	0.89	0.13	3.4	15	7.7	0.04	0.03	6.6	0.91	0.17	18
28	0.21	0.97	0.17	3.4	17	11	0.03	0.03	2.7	0.41	0.21	9.6
29	0.21	1.0	0.23	4.5	---	9.1	0.02	0.02	0.75	0.22	21	6.7
30	0.20	1.0	0.24	5.4	---	7.4	0.03	0.0	0.36	0.12	95	6.1
31	0.18	---	1.6	5.6	---	6.3	---	0.00	---	0.09	34	---
TOTAL	7.21	13.06	38.29	154.74	418.3	351.2	75.45	0.49	41.42	80.68	152.27	134.56
MEAN	0.23	0.44	1.24	4.99	14.9	11.3	2.52	0.016	1.38	2.60	4.91	4.49
MAX	0.53	1.0	6.2	20	31	50	7.9	0.12	17	40	95	31
MIN	0.09	0.19	0.13	0.16	6.2	4.1	0.02	0.00	0.00	0.00	0.00	0.07
CFSM	0.00	0.00	0.01	0.03	0.08	0.06	0.01	0.00	0.01	0.01	0.03	0.02
IN.	0.00	0.00	0.01	0.03	0.09	0.07	0.02	0.00	0.01	0.02	0.03	0.03

## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 2002, BY WATER YEAR (WY)

MEAN	115	74.3	126	252	265	204	135	39.2	74.3	40.8	177	38.5
MAX	817	327	557	734	838	564	494	275	324	206	1033	148
(WY)	1995	1993	1995	1993	1998	1998	1998	1991	1991	1991	1991	1992
MIN	0.23	0.44	1.25	5.16	15.0	11.7	3.07	0.072	0.57	0.053	0.35	0.12
(WY)	2002	2002	2002	2002	2002	2002	2002	2002	2000	1990	1999	1993

## SUMMARY STATISTICS FOR 2001 CALENDAR YEAR FOR 2002 WATER YEAR WATER YEARS 1990 - 2002

ANNUAL TOTAL	7561.62	1524.44										
ANNUAL MEAN	20.7	4.18	131									
HIGHEST ANNUAL MEAN			373	1991								
LOWEST ANNUAL MEAN			4.18	2002								
HIGHEST DAILY MEAN	620	Jul 4	95	Aug 30	7010	Aug 27	1995					
LOWEST DAILY MEAN	0.05	May 17	0.00	Jun 3	0.00	May 22	1999					
ANNUAL SEVEN-DAY MINIMUM	0.08	May 14	0.00	Aug 8	0.00	May 22	1999					
MAXIMUM PEAK FLOW			119	Aug 30	8960	Aug 26	1995					
MAXIMUM PEAK STAGE			6.23	Aug 30	17.80	Aug 26	1995					
INSTANTANEOUS LOW FLOW					0.00	May 24	2000					
ANNUAL RUNOFF (CFSM)	0.11		0.023		0.73							
ANNUAL RUNOFF (INCHES)	1.55		0.31		9.87							
10 PERCENT EXCEEDS	44		13		357							
50 PERCENT EXCEEDS	1.8		0.71		24							
90 PERCENT EXCEEDS	0.16		0.04		0.25							

## U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

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 LATITUDE 322156 LONGITUDE 0811751 NAD27 DRAINAGE AREA 181.0 CONTRIBUTING DRAINAGE AREA 181.0\* DATUM 20 NGVD29  
 Date Processed: 2003-03-10 11:15 By acday  
 APPROVED  
 DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.4	2.1	4.7	20	16	14	99	0.59	0.26	1.0	17	0.07
2	3.9	2.1	4.1	15	14	12	85	0.45	0.30	40	15	0.09
3	3.2	2.6	3.6	15	14	11	68	0.37	0.32	214	11	1.7
4	2.9	1.9	3.2	12	16	39	57	0.28	0.39	620	6.7	20
5	2.7	2.4	2.9	12	22	62	49	0.25	0.31	294	4.0	14
6	2.7	2.9	2.6	12	22	63	43	0.24	0.27	164	2.8	6.6
7	2.4	3.0	2.6	11	21	55	39	0.21	0.32	67	2.5	3.7
8	2.0	3.4	2.6	12	20	53	35	0.17	0.57	32	2.8	2.4
9	1.7	3.9	2.9	14	17	41	32	0.15	0.26	21	2.0	1.9
10	1.6	3.9	12	13	15	30	27	0.12	0.10	15	1.1	5.7
11	1.6	3.9	15	12	15	21	23	0.10	0.20	11	0.44	8.5
12	1.4	3.9	13	14	16	21	19	0.09	0.27	9.0	0.24	12
13	1.2	3.8	11	16	21	37	15	0.10	0.21	9.3	0.17	8.0
14	1.00	4.1	8.5	14	18	45	13	0.10	0.06	15	0.16	4.5
15	0.92	4.2	7.2	13	16	93	12	0.09	0.06	14	0.21	3.9
16	0.77	4.1	6.7	13	15	187	13	0.07	0.07	9.7	0.12	2.9
17	0.71	4.9	8.3	11	15	198	12	0.05	0.07	7.7	0.07	2.1
18	0.63	4.3	7.6	9.5	26	157	10	0.07	0.07	6.1	0.08	1.4
19	0.52	1.2	7.0	8.4	14	124	9.0	0.07	0.17	7.0	1.2	0.92
20	0.56	18	7.0	13	11	212	7.9	0.09	0.83	8.9	0.83	1.3
21	0.70	8.0	7.0	24	9.7	393	6.9	0.12	1.1	10	0.40	1.0
22	0.67	7.4	6.8	14	14	391	5.6	0.13	1.5	6.4	0.25	0.61
23	0.71	8.5	6.1	35	22	338	4.5	0.21	1.3	5.7	0.14	0.51
24	0.79	6.2	6.2	45	20	261	3.4	0.19	0.69	9.4	0.42	3.8
25	1.1	12	7.4	35	20	181	2.8	0.21	0.73	9.3	1.4	11
26	1.6	14	6.9	27	18	136	2.7	0.21	0.75	7.1	0.74	7.3
27	1.8	9.6	5.8	24	17	104	2.1	0.19	1.2	7.1	0.35	4.2
28	1.9	9.1	13	22	16	82	1.4	0.21	2.9	72	0.17	2.5
29	1.9	7.6	58	20	--	83	1.0	0.34	3.3	133	0.11	1.2
30	2.0	5.7	44	19	--	99	0.78	0.28	1.6	52	0.09	0.73
31	2.0	--	31	18	--	103	--	0.29	--	23	0.08	--
TOTAL	52.98	179.5	324.7	542.9	480.7	3646	699.08	6.04	20.18	1900.7	72.57	134.53
MEAN	1.71	5.98	10.5	17.5	17.2	118	23.3	0.19	0.67	61.3	2.34	4.48
MAX	5.4	18	58	45	26	393	99	0.59	3.3	620	17	20
MIN	0.52	1.9	2.6	8.4	9.7	11	0.78	0.05	0.06	1.0	0.07	0.07
CFSM	0.01	0.03	0.06	0.10	0.09	0.65	0.13	0.00	0.00	0.34	0.01	0.02
IN.	0.01	0.04	0.07	0.11	0.10	0.75	0.14	0.00	0.00	0.39	0.01	0.03

## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 2001, BY WATER YEAR (WY)

MEAN	126	81.0	137	274	288	220	146	42.5	80.4	44.0	191	41.4
(WY)	1995	1993	1995	1993	1998	1998	1998	1991	1991	1991	1991	1992
MAX	817	327	557	734	838	564	494	275	324	206	1033	148
MIN	0.55	1.57	10.5	17.5	17.1	23.3	12.2	0.19	0.57	0.053	0.35	0.12
(WY)	1994	1999	2001	2001	2001	1999	1999	2001	2000	1990	1999	1993

## SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1990 - 2001

ANNUAL TOTAL	0.00	8120.13										
ANNUAL MEAN	0.000	22.2										
HIGHEST ANNUAL MEAN												
LOWEST ANNUAL MEAN												
HIGHEST DAILY MEAN	58	Dec 29	620	Jul 4	7010	Aug 27	1995					
LOWEST DAILY MEAN	0.52	Oct 19	0.05	May 17	0.00	May 22	1999					
ANNUAL SEVEN-DAY MINIMUM	0.65	Oct 17	0.08	May 14	0.00	May 22	1999					
MAXIMUM PEAK FLOW			809	Jul 4	8960	Aug 26	1995					
MAXIMUM PEAK STAGE			11.02	Jul 4	17.80	Aug 26	1995					
INSTANTANEOUS LOW FLOW					0.00	May 24	2000					
ANNUAL RUNOFF (CFSM)	0.000	0.12			0.79							
ANNUAL RUNOFF (INCHES)	0.00	1.67			10.74							
10 PERCENT EXCEEDS	12	45			373							
50 PERCENT EXCEEDS	3.8	6.4			28							
90 PERCENT EXCEEDS	0.87	0.20			0.33							

## U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

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 LATITUDE 322156 LONGITUDE 0811751 NAD27 DRAINAGE AREA 181.0 CONTRIBUTING DRAINAGE AREA 181.0\* DATUM 20 NGVD29  
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 DD #1, DCP

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.08	3.04	3.16	3.15	3.62	4.04	3.60	3.06	3.02	3.16	3.13	4.02
2	3.06	3.04	3.16	3.24	3.62	4.43	3.60	3.06	3.00	3.11	3.21	3.75
3	3.04	3.05	3.17	3.52	3.68	4.93	3.55	3.04	2.99	3.09	3.20	3.60
4	3.03	3.05	3.17	3.51	3.71	4.65	3.52	3.05	3.00	3.27	3.14	3.47
5	3.02	3.04	3.17	3.45	3.72	4.46	3.46	3.04	2.99	3.18	3.11	3.35
6	3.02	3.04	3.18	3.50	3.76	4.27	3.42	3.03	2.97	3.13	3.08	3.28
7	3.02	3.05	3.18	3.57	4.47	3.92	3.52	3.03	3.00	3.15	3.06	3.24
8	3.03	3.05	3.24	3.50	4.35	3.70	3.42	3.03	3.22	3.11	3.04	3.19
9	3.04	3.05	3.32	3.45	4.11	3.65	3.37	3.03	3.18	3.13	3.03	3.17
10	3.05	3.05	3.28	3.44	4.20	3.59	3.33	3.03	3.15	3.27	3.01	3.15
11	3.03	3.05	3.31	3.59	4.01	3.55	3.58	3.02	3.13	3.17	3.00	3.11
12	3.01	3.05	3.32	3.42	3.97	3.52	3.56	3.02	3.11	3.14	2.98	3.11
13	3.01	3.05	3.35	4.17	3.99	3.54	3.45	3.02	3.09	3.14	2.97	3.12
14	3.02	3.05	3.31	3.87	3.98	3.54	3.42	3.02	3.06	3.12	3.02	3.17
15	3.07	3.06	3.29	3.89	3.94	3.54	3.35	3.01	3.03	3.09	3.09	3.44
16	3.09	3.06	3.60	3.72	4.03	3.53	3.31	3.01	3.00	3.06	3.08	3.57
17	3.09	3.06	3.43	3.58	3.97	3.54	3.26	3.02	2.98	3.05	3.08	3.45
18	3.06	3.06	3.30	3.50	3.95	3.56	3.32	3.06	2.97	3.04	3.12	3.34
19	3.05	3.07	3.29	3.46	3.91	3.55	3.70	3.09	2.97	3.02	3.13	3.39
20	3.04	3.08	3.25	3.45	3.92	3.55	3.47	3.07	2.96	3.05	3.14	3.39
21	3.04	3.08	3.23	3.49	4.02	3.53	3.52	3.11	2.98	3.24	3.12	3.37
22	3.04	3.09	3.21	3.52	4.09	3.66	3.31	3.08	3.31	3.80	3.09	3.31
23	3.05	3.10	3.20	3.58	4.06	3.77	3.21	3.05	3.44	4.69	3.07	3.28
24	3.05	3.12	3.19	3.46	4.07	3.63	3.17	3.04	3.41	3.94	3.06	3.27
25	3.05	3.13	3.16	3.50	3.98	3.63	3.13	3.04	3.51	3.61	3.08	3.42
26	3.04	3.13	3.15	3.51	4.01	3.67	3.10	3.12	4.03	3.42	3.10	4.48
27	3.04	3.14	3.14	3.47	4.00	3.69	3.09	3.07	3.64	3.28	3.16	4.10
28	3.04	3.15	3.16	3.47	4.06	3.84	3.07	3.07	3.42	3.22	3.17	3.78
29	3.04	3.15	3.18	3.54	---	3.76	3.06	3.06	3.27	3.18	3.86	3.65
30	3.04	3.15	3.18	3.59	---	3.68	3.07	3.04	3.21	3.14	5.82	3.62
31	3.03	---	3.30	3.59	---	3.63	---	3.03	---	3.12	4.56	---
MEAN	3.04	3.08	3.24	3.54	3.97	3.79	3.36	3.05	3.17	3.26	3.25	3.45
MAX	3.09	3.15	3.60	4.17	4.47	4.93	3.70	3.12	4.03	4.69	5.82	4.48
MIN	3.01	3.04	3.14	3.15	3.62	3.52	3.06	3.01	2.96	3.02	2.97	3.11

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GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.53	3.38	3.56	4.18	4.03	3.95	5.89	3.04	2.95	3.17	3.88	2.89
2	3.44	3.38	3.52	4.01	3.98	3.86	5.64	3.02	2.96	4.12	3.84	2.90
3	3.40	3.42	3.49	3.98	3.95	3.85	5.30	3.00	2.96	7.38	3.66	3.02
4	3.38	3.37	3.47	3.89	4.03	4.65	5.06	2.97	2.98	10.24	3.44	4.02
5	3.38	3.41	3.44	3.86	4.22	5.18	4.88	2.97	2.96	8.22	3.28	3.76
6	3.38	3.44	3.42	3.87	4.21	5.20	4.75	2.96	2.95	6.85	3.21	3.43
7	3.36	3.45	3.42	3.83	4.19	5.03	4.63	2.95	2.96	5.27	3.18	3.27
8	3.34	3.48	3.42	3.89	4.16	4.97	4.53	2.94	3.00	4.42	3.21	3.18
9	3.31	3.51	3.44	3.95	4.07	4.70	4.45	2.93	2.98	4.04	3.15	3.15
10	3.31	3.51	3.92	3.91	4.01	4.44	4.30	2.91	2.98	3.81	3.06	3.38
11	3.31	3.51	4.03	3.88	3.99	4.18	4.17	2.91	3.03	3.68	2.97	3.55
12	3.29	3.51	3.97	3.96	4.03	4.14	4.03	2.91	3.05	3.56	2.94	3.71
13	3.28	3.50	3.90	4.05	4.21	4.61	3.89	2.91	3.05	3.58	2.92	3.52
14	3.26	3.52	3.76	3.96	4.10	4.79	3.81	2.91	3.01	3.82	2.92	3.34
15	3.25	3.53	3.70	3.94	4.04	5.71	3.77	2.91	3.01	3.78	2.93	3.30
16	3.24	3.52	3.67	3.94	4.00	7.16	3.79	2.90	3.01	3.59	2.90	3.24
17	3.24	3.57	3.76	3.86	3.99	7.29	3.74	2.89	3.01	3.50	2.89	3.18
18	3.23	3.54	3.72	3.76	4.33	6.78	3.69	2.90	3.01	3.41	2.90	3.12
19	3.22	3.89	3.69	3.71	3.96	6.31	3.62	2.90	3.04	3.46	3.07	3.08
20	3.23	4.13	3.69	3.92	3.84	7.30	3.56	2.91	3.14	3.55	3.03	3.12
21	3.24	3.74	3.69	4.28	3.77	9.06	3.51	2.92	3.18	3.62	2.97	3.10
22	3.24	3.71	3.68	3.96	3.95	9.05	3.44	2.92	3.21	3.42	2.94	3.06
23	3.25	3.77	3.64	4.56	4.23	8.64	3.37	2.94	3.20	3.39	2.91	3.05
24	3.25	3.65	3.64	4.82	4.17	7.95	3.31	2.94	3.13	3.58	2.94	3.26
25	3.29	3.89	3.71	4.59	4.17	7.08	3.27	2.94	3.14	3.57	3.09	3.68
26	3.34	4.01	3.68	4.38	4.10	6.48	3.26	2.94	3.14	3.46	3.02	3.52
27	3.36	3.82	3.62	4.29	4.09	5.99	3.21	2.94	3.19	3.46	2.96	3.36
28	3.36	3.80	3.88	4.24	4.03	5.59	3.15	2.94	3.31	5.29	2.92	3.25
29	3.37	3.72	5.08	4.17	---	5.60	3.10	2.97	3.36	6.43	2.90	3.15
30	3.37	3.62	4.79	4.14	---	5.90	3.07	2.96	3.23	4.92	2.90	3.10
31	3.37	---	4.48	4.11	---	5.97	---	2.96	---	4.12	2.90	---
MEAN	3.32	3.61	3.77	4.06	4.07	5.85	4.01	2.94	3.07	4.47	3.09	3.29
MAX	3.53	4.13	5.08	4.82	4.33	9.06	5.89	3.04	3.36	10.24	3.88	4.02
MIN	3.22	3.37	3.42	3.71	3.77	3.85	3.07	2.89	2.95	3.17	2.89	2.89